

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> IVAL-218  <b>U.S. APPLICATION NO. (if known, see 37 CFR 1.5)</b> <b>Not Yet Assigned</b> <b>107582428</b>
INTERNATIONAL APPLICATION NO. PCT/US04/41463	INTERNATIONAL FILING DATE December 10, 2004	PRIORITY DATE CLAIMED December 11, 2003
<b>TITLE OF INVENTION</b> Medicament Application Device		
<b>APPLICANT(S) FOR DO/EO/US</b> Kenneth W. Kwochka		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 3).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4))</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<b>Items 11 to 20 below concern documents) or information included:</b>		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) Not Yet Assigned	INTERNATIONAL APPLICATION NO. PCT/US04/41463	ATTORNEY'S DOCKET NUMBER IVAL-218																																																																		
<p>20. Other items or information: Certificate of Mailing; Return-Receipt Postcard.</p>																																																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">The following fees have been submitted</td> <td style="width: 15%;">CALCULATIONS</td> <td style="width: 15%;">PTO USE ONLY</td> </tr> <tr> <td>21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) ..... \$300</td> <td>\$ 300.00</td> <td></td> </tr> <tr> <td>22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/Us or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 All other situations ..... \$200</td> <td>\$ 200.00</td> <td></td> </tr> <tr> <td>23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/Us or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the USA by the IB ..... \$400 All other situations ..... \$500</td> <td>\$ 100.00</td> <td></td> </tr> <tr> <td style="text-align: center;"><b>TOTAL OF 21, 22 and 23 =</b></td> <td style="text-align: center;"><b>\$ 600.00</b></td> <td></td> </tr> <tr> <td colspan="3"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) 37 CFR 1.492(j)) The fee is \$250 for each additional 50 sheets of paper or fraction thereof.         </td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> </tr> <tr> <td>-100 =</td> <td>/50 =</td> <td style="text-align: right;">x \$250</td> </tr> <tr> <td colspan="3">Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> </tr> <tr> <td>Total claims</td> <td>14</td> <td>-20 =</td> </tr> <tr> <td>Independent claims</td> <td>2</td> <td>-3 =</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td style="text-align: right;">+ \$360</td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> </tr> <tr> <td colspan="3"> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.         </td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL =</b></td> </tr> <tr> <td colspan="3">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>TOTAL NATIONAL FEE =</b></td> </tr> <tr> <td colspan="3">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> </tr> <tr> <td colspan="3" style="text-align: right;"><b>TOTAL FEES ENCLOSED =</b></td> </tr> <tr> <td colspan="2" style="text-align: right;">Amount to be refunded:</td> <td style="text-align: right;">\$</td> </tr> <tr> <td colspan="2" style="text-align: right;">Amount to be charged:</td> <td style="text-align: right;">\$ 600.00</td> </tr> </table>			The following fees have been submitted	CALCULATIONS	PTO USE ONLY	21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) ..... \$300	\$ 300.00		22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/Us or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 All other situations ..... \$200	\$ 200.00		23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/Us or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the USA by the IB ..... \$400 All other situations ..... \$500	\$ 100.00		<b>TOTAL OF 21, 22 and 23 =</b>	<b>\$ 600.00</b>		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) 37 CFR 1.492(j)) The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	-100 =	/50 =	x \$250	Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).			CLAIMS	NUMBER FILED	NUMBER EXTRA	Total claims	14	-20 =	Independent claims	2	-3 =	MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360	<b>TOTAL OF ABOVE CALCULATIONS =</b>			<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.			<b>SUBTOTAL =</b>			Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			<b>TOTAL NATIONAL FEE =</b>			Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			<b>TOTAL FEES ENCLOSED =</b>			Amount to be refunded:		\$	Amount to be charged:		\$ 600.00
The following fees have been submitted	CALCULATIONS	PTO USE ONLY																																																																		
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) ..... \$300	\$ 300.00																																																																			
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/Us or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 All other situations ..... \$200	\$ 200.00																																																																			
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/Us or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the USA by the IB ..... \$400 All other situations ..... \$500	\$ 100.00																																																																			
<b>TOTAL OF 21, 22 and 23 =</b>	<b>\$ 600.00</b>																																																																			
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) 37 CFR 1.492(j)) The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																																																				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)																																																																		
-100 =	/50 =	x \$250																																																																		
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).																																																																				
CLAIMS	NUMBER FILED	NUMBER EXTRA																																																																		
Total claims	14	-20 =																																																																		
Independent claims	2	-3 =																																																																		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360																																																																		
<b>TOTAL OF ABOVE CALCULATIONS =</b>																																																																				
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.																																																																				
<b>SUBTOTAL =</b>																																																																				
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).																																																																				
<b>TOTAL NATIONAL FEE =</b>																																																																				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																																																																				
<b>TOTAL FEES ENCLOSED =</b>																																																																				
Amount to be refunded:		\$																																																																		
Amount to be charged:		\$ 600.00																																																																		

10/582428

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

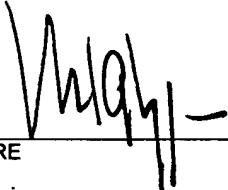
1APZ/RECD/PCT/PTO 08 JUN 2006

- a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. 50-2678 in the amount of \$600.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2678. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Mark G. Lappin  
Greenberg Traurig, LLP  
One International Place  
Boston, MA 02110

  
\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
Mark G. Lappin

\_\_\_\_\_  
NAME

\_\_\_\_\_  
26,618

\_\_\_\_\_  
REGISTRATION NUMBER

10/582428

1AP20RECO/PCT/PTO 38 JUN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

---

**APPLICANT:** Kenneth W. Kwochka  
**SERIAL NO.:** To Be Assigned  
**FILED:** Herewith  
**ATTY. DOCKET:** IVAL-218  
**TITLE:** MEDICAMENT APPLICATION DEVICE

---

EXPRESS MAIL CERTIFICATE

Express Mail Label No. EV 426287854 US

Date of Deposit: June 8, 2006

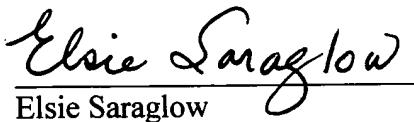
I hereby certify that the following attached paper(s) and/or fee

1. 371 Filing Transmittal (3 pages) (Duplicate);
2. Patent Application consisting of 19 pages;
3. 18 Sheets of Drawings;
4. Unexecuted Declaration (2 pages);
5. Published International Application with International Search Report (WO 2005/058405-A1) (39 total pages);
6. Response to Written Opinion and Amendment to the Claims under PCT Article 34 (8 pages); and
7. Return Postcard.

are being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 C.F.R. Section 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,  
**GREENBERG TRAURIG, LLP**

Dated: June 8, 2006

  
Elsie Saraglow

**CORRESPONDENCE:**

Mark G. Lappin  
**GREENBERG TRAURIG, LLP**  
One International Place  
Boston, MA 02110  
Phone: 617-310-6000  
Fax: 617-310-6001